

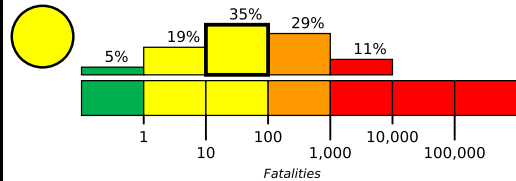
M 5.7, 44 km E of Dailekh, Nepal

Origin Time: 2023-11-03 18:02:56 UTC (Fri 23:47:56 local)
Location: 28.8518° N 82.1633° E Depth: 32.6 km

PAGER Version 10

Created: 3 weeks, 5 days after earthquake

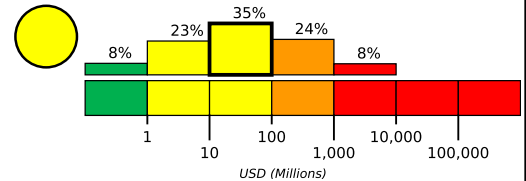
Estimated Fatalities



Yellow alert for shaking-related fatalities and economic losses. Some casualties and damage are possible and the impact should be relatively localized. Past yellow alerts have required a local or regional level response.

Estimated economic losses are less than 1% of GDP of Nepal.

Estimated Economic Losses

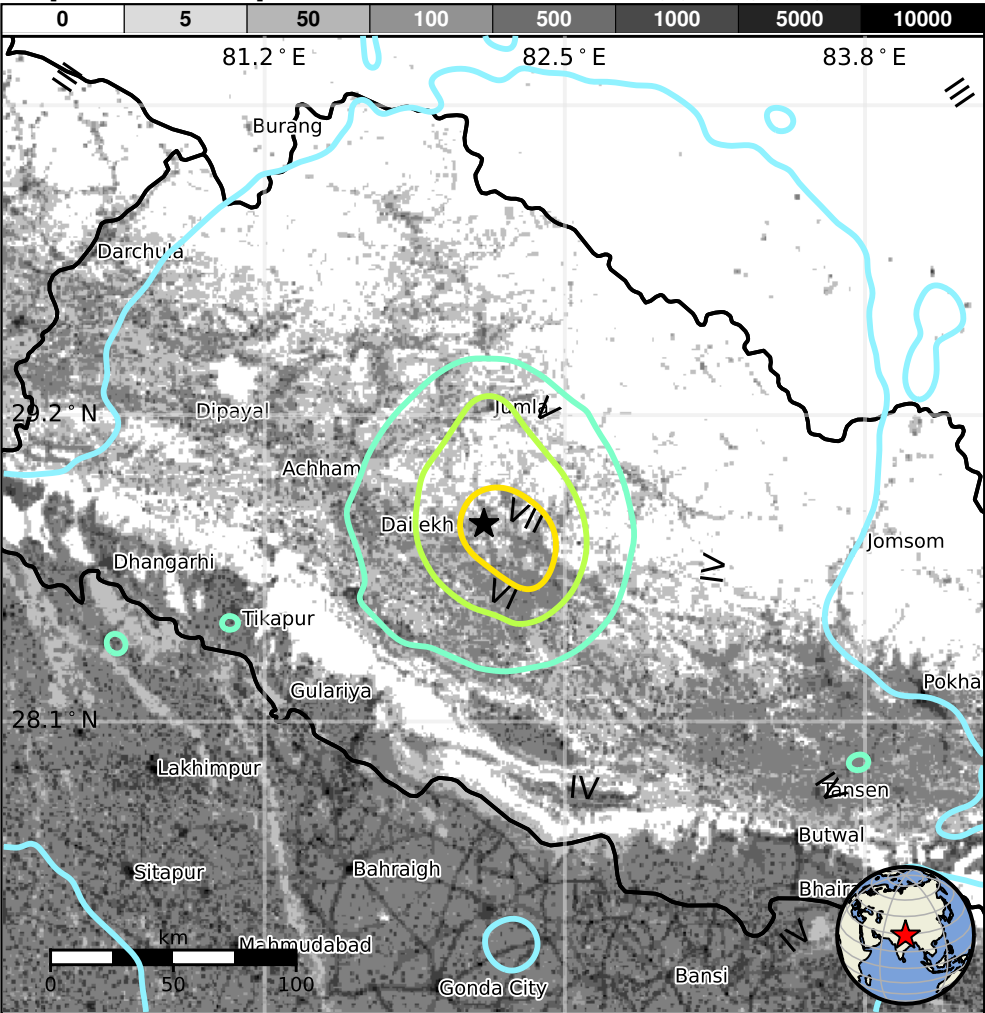


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	4,463k*	37,319k*	1,507k	337k	153k	15k	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are adobe block and unreinforced brick with mud construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1999-03-28	322	6.5	VIII(7k)	100
1980-07-29	133	6.5	IX(11k)	100
1991-10-19	387	6.8	VIII(60k)	2k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VI	Jumla	9k
V	Dailekh	21k
V	Salyan	<1k
V	Waling	22k
V	Tikapur	45k
V	Surkhet	<1k
IV	Birendranagar	31k
IV	Bahraigh	182k
IV	Dipayal	23k
IV	Sitapur	164k
III	Pokhara	200k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us7000l8p5#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000l8p5